

VIBRATION TRIGGER LIMITS			
COLOUR	VIBRATION MONITORING POINT RESULTANT PEAK PARTICLE VELOCITY (mm/s)		
GREEN	3		
AMBER	5		
RED	7		

CC	CONTIGUOUS PILED WALLS TRIGGER LEVELS		
COLOUR INCLINOMETERS IN PILED WALL (mr			
GREEN	0 to 27		
AMBER	27 to 40		
RED	>40		

TRIGGER LEVELS TO ADJOINING BUILDINGS (3D EDM TARGETS LOCATIONS)

COLOUR	MOVEMENT	ACTION	
GREEN	0mm - 5mm	- No action required	
AMBER	5mm - 12mm	 Crack Monitoring. Carry out a local structural review. Frequency of the surveying shall increase Preparation for the implementation of remedial measures should be required. Implement any additional propping or change in methodology as required 	
RED	>12mm	 All works are to stop immediately Crack Monitoring. Implement structural support as required. Cease works with the exception of necessary works for the safety and stability of the structure and personnel. Review monitoring data and implement revised method of works. 	

GRANARY STREET & St. PANCRAS WAY HIGHWAY & PAVEMENTS

COLOUR	PROPOSED TRIGGER LIMITS (mm)
GREEN	<15
AMBER	15 to 25
RED	>25

\ \ \	DEMOLITION TRIGGER LIMITS			
	COLOUR	VIBRATION MONITORING POINT RESULTANT PEAK PARTICLE VELOCITY (mm/s)	PRECISE LEVEL MOVEMENTS (mm)	
{	GREEN	<5	<5	
>	AMBER	5 to 6	5 to 8	
>	RED	>7.5	>8	

NOTES

- . DO NOT SCALE THIS DRAWING.
- 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS, AND SERVICE'S ENGINEERS DRAWINGS & SPECIFICATIONS.
- 3. ALL DIMENSIONS ARE IN MILLIMETRES (mm).
- 4. WORK TO FIGURED DIMENSIONS ONLY.
 ANY DISCREPANCIES TO BE REPORTED TO
 GD PARTNERSHIP FOR CLARIFICATION. IF IN DOUBT ASK.
- 5. ALL WORK TO COMPLY WITH THE RELEVANT BRITISH STANDARDS, CODES OF PRACTICE AND THE BUILDING
- 6. RELEVANT CONCRETE DESIGN MIX:
 FOUNDATIONS, PILE CAPS, CAPPING BEAMS, GROUND
- BEAMS, SLABS, BEAMS, AND WALLS INCLUDING RETAINING WALLS: C32/40 COLUMNS: C40/50
- 7. THE CONTRACTOR SHALL ENSURE TEMPORARY LOADS ONTO THE NEW STRUCTURE SHALL BE LESS THAN THOSE WHICH IT HAS BEEN DESIGNED FOR.
- 8. GD PARTNERSHIP'S ROLE ON THIS PROJECT IS THAT OF A 'DESIGNER' AS DEFINED BY THE CONSTRUCTION AND MANAGEMENT REQUIREMENTS.





VIBRATION MONITORING (VIBRATION MONITORS TO BE MOVED ALONG WALL AS CONTIGUOUS WALL CONSTRUCTION PROGRESSES)



3D EDM TARGETS ON FACE OF RC CAPPING BEAMS



RC CAPPING BEAMS & INCLINOMETER IN PILES TO TOE CARRY OUT CONDITION SURVEYS



PAVEMENT PRECISE STUDS @ APPROXIMATELY 10m c/c. (AVOID SITE ENTRANCE)

ANY WORKS COMMENCING

TO ADJACENT BUILDINGS PRIOR TO

Rev	Date	By / Chk'd	Revision Notes
P01	10.01.23	RJW / RD	ISSUED FOR INFORMATION
P02	10.02.23	RJW / RD	TRIGGER LIMITIS FOR CONTIGUOUS PILES REVISED TO GMA REPORT. HIGHWAY & PAVEMENT TRIGGER LIMIT ADDED.
D00	40.00.00	D IW/ / DD	ADDED.
P03	15.05.23	RJW / RD	TRIGGER LIMITS TO THAMES WATER ASSETS
P04	17.05.23	MINI / PP_RD	DEMOLITION TRIGGER LIMITS TABLE REVISED, MONITORING POINTS UPDATED TO SUIT ERITH'S DRAWING
504	47.05.00	****	DELICUITION TRICOPER LIMITO TARLE RELIGIO

(RG) Reef Group



The Cart Lodge, Lullingstone Lane, Eynsford, Kent. DA40HZ Tel: 01322 868622 Fax: 01322 861050 Email: contact@gdteam.co.uk

Tribeca - Plot C

MONITORING STRATEGY

Scale: As indicated at A1			GDP Ref:	21-131
Drawn: RJW	Checked: YG/RD		Date:	Jan. 2023
Drawing Status: PRELIMINARY			CDE Status Code	Revision P04

TRI - GDP - PC - ZZ - SK - S - 3015 Project | Originator | Zone | Level | Type | Role | Number